

EXECUTIVE RECOMMENDATION

Bioscience Education Center - No. 056603

Category: **Montgomery College**
 Agency: **Montgomery College**
 Planning Area: **Germantown**
 Relocation Impact: **None**

Date Last Modified: **January 9, 2009**
 Required Adequate Public Facility: **No**

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru | Rem. | 6 Year | | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | Beyond |
|----------------------------------|---------------|--------------|------------|---------------|--------------|---------------|---------------|--------------|--------------|----------|----------|----------|
| | | FY08 | FY08 | Total | Total | | | | | | | 6 Years |
| Planning, Design and Supervision | 10,174 | 3,269 | 131 | 6,774 | 6,146 | 252 | 376 | 0 | 0 | 0 | 0 | 0 |
| Construction | 72,424 | 0 | 0 | 72,424 | 0 | 28,970 | 37,454 | 6,000 | 0 | 0 | 0 | 0 |
| Other | 8,590 | 0 | 0 | 8,590 | 0 | 0 | 0 | 2,590 | 6,000 | 0 | 0 | 0 |
| Total | 91,188 | 3,269 | 131 | 87,788 | 6,146 | 29,222 | 37,830 | 8,590 | 6,000 | 0 | 0 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|---------------|--------|-------|----|--------|-------|--------|--------|-------|-------|---|---|
| G.O. Bonds | 47,976 | 944 | 65 | 46,967 | 6,146 | 14,611 | 18,915 | 4,295 | 3,000 | 0 | 0 |
| Contributions | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAYGO | 691 | 691 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Aid | 42,521 | 1,634 | 66 | 40,821 | 0 | 14,611 | 18,915 | 4,295 | 3,000 | 0 | 0 |

COMPARISON (\$000)

| | Total | Thru | Rem. | 6 Year | | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | Beyond | Approp. |
|----------------------------|--------|-------|------|--------------|----------|---------------|----------|----------|----------------|------|------|---------|---------|
| | | FY08 | FY08 | Total | Total | | | | | | | 6 Years | Request |
| Current Approved | 9,546 | 3,158 | 242 | 6,146 | 6,146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agency Request | 91,188 | 3,269 | 131 | 87,788 | 6,146 | 29,222 | 43,830 | 8,590 | 0 | 0 | 0 | 73,052 | |
| Recommended | 91,188 | 3,269 | 131 | 87,788 | 6,146 | 29,222 | 37,830 | 8,590 | 6,000 | 0 | 0 | 73,052 | |
| CHANGE | | | | TOTAL | % | 6-YEAR | | % | APPROP. | | | | |
| Agency Request vs Approved | | | | 81,642 | 855.2% | 81,642 | 1,328.4% | 73,052 | 0.0% | | | | |
| Recommended vs Approved | | | | 81,642 | 855.2% | 81,642 | 1,328.4% | 73,052 | 0.0% | | | | |
| Recommended vs Request | | | | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | | | | |

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends funding the requested increase for construction; including the FY10 installation of a second Germantown campus access road to support present campus growth and the new facility, and for the instructional furniture, fixtures, and equipment necessary to outfit the interior.

The FY10 appropriation recommendation is \$36,526,000 (G.O. Bonds) and \$36,526,000 (State Aid). The County contribution and appropriation is contingent on the availability of State Aid funding. Six million (G.O. Bonds \$3 million; State Aid \$3 million) has been shifted to FY13 for fiscal capacity.

Bioscience Education Center -- No. 056603

Category
Subcategory
Administering Agency
Planning Area

Montgomery College
Higher Education
Montgomery College
Germantown

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

January 05, 2009
No
None.
On-going

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY08 | Rem. FY08 | Total 6 Years | FY09 | FY10 | FY11 | FY12 | FY13 | FY14 | Beyond 6 Years |
|-----------------------------------|---------------|--------------|--------------|------------------|--------------|---------------|---------------|--------------|----------|----------|-------------------|
| Planning, Design, and Supervision | 10,174 | 3,269 | 131 | 6,774 | 6,146 | 252 | 376 | 0 | 0 | 0 | 0 |
| Land | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 72,424 | 0 | 0 | 72,424 | 0 | 28,970 | 43,454 | 0 | 0 | 0 | 0 |
| Other | 8,590 | 0 | 0 | 8,590 | 0 | 0 | 0 | 8,590 | 0 | 0 | 0 |
| Total | 91,188 | 3,269 | 131 | 87,788 | 6,146 | 29,222 | 43,830 | 8,590 | 0 | 0 | 0 |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|--------------|---------------|--------------|------------|---------------|--------------|---------------|---------------|--------------|----------|----------|----------|
| G.O. Bonds | 47,976 | 944 | 65 | 46,967 | 6,146 | 14,611 | 21,915 | 4,295 | 0 | 0 | 0 |
| PAYGO | 691 | 691 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| State Aid | 42,521 | 1,634 | 66 | 40,821 | 0 | 14,611 | 21,915 | 4,295 | 0 | 0 | 0 |
| Total | 91,188 | 3,269 | 131 | 87,788 | 6,146 | 29,222 | 43,830 | 8,590 | 0 | 0 | 0 |

OPERATING BUDGET IMPACT (\$000)

| | | | | | | | | | | | |
|-------------------|--|--|--|--------------|----------|----------|----------|--------------|--------------|--------------|--|
| Maintenance | | | | 3,321 | 0 | 0 | 0 | 1,107 | 1,107 | 1,107 | |
| Energy | | | | 1,524 | 0 | 0 | 0 | 508 | 508 | 508 | |
| Net Impact | | | | 4,845 | 0 | 0 | 0 | 1,615 | 1,615 | 1,615 | |
| WorkYears | | | | | 0.0 | 0.0 | 0.0 | 20.0 | 20.0 | 20.0 | |

DESCRIPTION

This project provides funds for the design and construction of a new biotechnology and science building (approx. 126,900 gsf) on the Germantown Campus to support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus on the biotechnology industry. The College is working with the County to develop an adjacent biotech business park on the Germantown Campus as part of the up-County biotechnology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

***Note: The Germantown Access Road, Project #076611, has been added to the scope of this project. This project will also fund the design and construction of a new access road on the Germantown Campus providing an additional means of egress as student enrollment continues to grow. The primary gateway and only existing entrance to the campus is located on MD 118. There is a need for an additional entrance to provide improved access to the campus and to better address emergency situations that may necessitate a campus evacuation. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park.

COST CHANGE

The cost of this project has increased due to the addition of the Germantown Access Road project, and FY2010 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 4.5% in FY2010, and 4.5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2017 projected instructional space deficit of 68,674 NASF and a total space deficit anticipated to be 149,944 NASF. In addition, the Campus' chemistry and biology classrooms and labs are currently located in outdated facilities. The new building will provide a modern facility for up to date biotechnology instruction along with providing much needed additional space.

The Germantown Campus accommodates 5,744 students and 405 full time, and part time faculty and staff (Fall 2007). With continued student enrollment growth, there is a need to provide the campus with an additional access point to accommodate traffic. In accordance with the College's Facilities Master Plan, there are several potential locations for providing additional access to the Campus. An additional entrance road will also serve to provide better campus egress during emergency situations that may require a campus evacuation.

The Collegewide Facilities Master Plan Update (Pending 11/08), the Germantown Bioscience Education Center Facility Program (5/04), and the Collegewide Facilities Condition Assessment Update (11/07), Bioscience Education Center Program Verification Report, (9/07).

| APPROPRIATION AND EXPENDITURE DATA | | | COORDINATION | | MAP |
|------------------------------------|------|---------|--|--|----------------------|
| Date First Appropriation | FY05 | (\$000) | Facility Planning: College (CIP #886686) | Energy Conservation: College (CIP #816611) | |
| First Cost Estimate | | | | | See Map on Next Page |
| Current Scope | FY09 | 9,546 | | | |
| Last FY's Cost Estimate | | 9,546 | | | |
| Appropriation Request | FY10 | 73,052 | | | |
| Supplemental Appropriation Request | | 0 | | | |
| Transfer | | 0 | | | |
| Cumulative Appropriation | | 9,546 | | | |
| Expenditures / Encumbrances | | 6,277 | | | |
| Unencumbered Balance | | 3,269 | | | |
| Partial Closeout Thru | FY07 | 0 | | | |
| New Partial Closeout | FY08 | 0 | | | |
| Total Partial Closeout | | 0 | | | |

Agency Request

Bioscience Education Center -- No. 056603 (continued)

OTHER

FY2010 Total Appropriation: \$36,526,000 (G.O.Bonds); \$36,526,000 (State Aid).

FY11 Total Appropriation: \$0.

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.